

## Glossary

<b>1SG</b>	first sergeant
<b>A&amp;L</b>	administrative and logistics
<b>A/DACG</b>	arriving/departing aircraft control group
<b>A<sup>2</sup>C<sup>2</sup></b>	Army airspace command and control
<b>A<sup>2</sup>C<sup>2</sup>S</b>	Army airborne command and control system
<b>AA</b>	assembly area
<b>AAR</b>	after action review
<b>AATF</b>	air assault task force
<b>ABCS</b>	Army battle command system
<b>ABF</b>	attack by fire
<b>ACA</b>	airspace coordination area
<b>ACFL</b>	agreed cease fire line
<b>ACL</b>	allowable combat load
<b>ACO</b>	air coordination order
<b>ACP</b>	armament control panel
<b>ACR</b>	armored cavalry regiment
<b>ACR/L</b>	armored cavalry regiment/light
<b>ACS</b>	air cavalry squadron
<b>ACT</b>	air cavalry troop
<b>ACTM</b>	air cavalry team
<b>ACU</b>	area common user
<b>AD</b>	air defense
<b>ADA</b>	air defense artillery
<b>ADO</b>	air defense officer
<b>ADRG</b>	arc digitized raster graphic
<b>ADSS</b>	ANVIS display symbology system
<b>AFAPD</b>	Air Force applications program development
<b>AGES</b>	air ground engagement system
<b>AGMB</b>	advance guard main body
<b>AGT</b>	air-ground team

<b>AH</b>	attack helicopter
<b>AHO</b>	above highest obstacle
<b>AHRS</b>	attitude heading reference system
<b>AHT</b>	assault helicopter troop
<b>ALFGL</b>	automatic low frequency gain limiting
<b>ALO</b>	air liaison officer
<b>ALOA</b>	air limit of advance
<b>ALOC</b>	administrative/logistics operations center
<b>ALSE</b>	Army life support equipment
<b>AM</b>	amplitude modulation
<b>AMC</b>	Army Materiel Command
<b>AMO</b>	air movement officer
<b>AMPS</b>	aviation mission planning system
<b>ANCD</b>	automated net control devices
<b>ANGLICO</b>	air and naval gunfire liaison company
<b>AO</b>	area of operation
<b>AOC</b>	air operations center
<b>AOT</b>	areas of transfer
<b>APFSDS</b>	armor-piercing, fin-stabilized, discarding sabot (ammunition)
<b>ARAT</b>	Army Reprogramming Analysis Team
<b>ARFOR</b>	Army Force
<b>arty</b>	artillery
<b>ASAS-RWS</b>	all-source analysis system—remote work station
<b>ASB</b>	aviation support battalion
<b>ASE</b>	aircraft survivability equipment
<b>ASI</b>	additional skill identifier
<b>ASL</b>	authorized stockage list
<b>ASOC</b>	air support operations center
<b>ASP</b>	ammunition supply point
<b>ATA</b>	air-to-air
<b>ATAS</b>	air-to-air stinger
<b>ATC</b>	air traffic control
<b>ATCCS</b>	Army tactical command and control system

<b>atchs</b>	attaches
<b>ATF</b>	aviation task force
<b>ATHS</b>	airborne target handover system
<b>ATKHB</b>	attack helicopter battalion
<b>ATKHT</b>	attack helicopter troop
<b>ATM</b>	aircrew training manual, air targeting mode
<b>ATO</b>	air tasking order
<b>ATP</b>	ammunition transfer point
<b>ATS</b>	air traffic services
<b>AVIM</b>	aviation intermediate maintenance
<b>avn</b>	aviation
<b>AVTOC</b>	aviation tactical operations center
<b>AVTR</b>	airborne video tape recorder
<b>AVUM</b>	aviation unit maintenance
<b>AWACS</b>	airborne warning and control system
<b>BCBL</b>	battle command battle lab
<b>BDA</b>	battle damage assessment
<b>BDAR</b>	battle damage assessment and repair
<b>BDE</b>	brigade
<b>BHL</b>	battle handover line
<b>BHO</b>	battle handover
<b>BMNT</b>	beginning morning nautical twilight
<b>BMO</b>	battalion maintenance officer
<b>BMP</b>	Boyevaya Mashina Pekhoty (literal Russian: combat vehicle, infantry)
<b>Bn</b>	battalion
<b>BP</b>	battle position
<b>BSA</b>	brigade support area
<b>C-E</b>	communication-electronic
<b>C<sup>2</sup></b>	command and control
<b>C<sup>2</sup>V</b>	command and control vehicle
<b>C<sup>3</sup>I</b>	command, control, communication, and intelligence

<b>CAM</b>	chemical agent monitor
<b>CAS</b>	close air support
<b>CASEVAC</b>	casualty evacuation
<b>CATF</b>	commander amphibious task force
<b>CCIR</b>	commander's critical information requirements
<b>Cdr</b>	commander
<b>CD-ROM</b>	compact disk-read only memory
<b>CEOI</b>	communication electronic operating instructions
<b>CEWI</b>	combat electronic warfare and intelligence
<b>CF</b>	correlation factor
<b>CFL</b>	coordinated fire line
<b>CFT</b>	captive flight trainer
<b>CG</b>	center of gravity
<b>cGyph</b>	centigray per hour
<b>CH</b>	cargo helicopter
<b>CLF</b>	commander landing force
<b>CMS</b>	countermeasure set
<b>Cmd</b>	command
<b>C-NITE</b>	Cobra night
<b>CNR</b>	combat net radio
<b>COA</b>	course of action
<b>COLT</b>	combat observation lasing team
<b>comm</b>	communication
<b>COMMZ</b>	communication zone
<b>COMSEC</b>	communications security
<b>CONUS</b>	continental United States
<b>COP</b>	combat observation post
<b>COSCOM</b>	corps support command
<b>CP</b>	command post
<b>CPG</b>	copilot-gunner
<b>CPO</b>	copilot-observer
<b>CRP</b>	combat reconnaissance patrol
<b>CS</b>	combat support
<b>CSAR</b>	combat search and rescue

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<b>CSM</b>	command sergeant major
<b>CSOP</b>	combat security observation post
<b>CSS</b>	combat service support
<b>CTCP</b>	combat trains command post
<b>CTT</b>	commanders tactical terminal
<b>CW</b>	continuous wave
<b>CW2</b>	Chief Warrant Officer, W-2
<b>CW3</b>	Chief Warrant Officer, W-3
<b>CW4</b>	Chief Warrant Officer, W-4
<b>CW5</b>	Chief Warrant Officer, W-5
<b>DA</b>	Department of the Army
<b>DAO</b>	division ammunition officer
<b>DAART</b>	downed aircraft/aircrew recovery team
<b>DART</b>	downed aircraft recovery team
<b>DASB</b>	division aviation support battalion
<b>DCS</b>	division cavalry squadron
<b>DEL</b>	deployment equipment list
<b>DEW</b>	directed energy weapons
<b>DF</b>	direction finding
<b>dig</b>	digital
<b>DIG</b>	date-time group
<b>DISCOM</b>	division support command
<b>Div</b>	division
<b>DMMC</b>	division material management center
<b>DMSO</b>	division medical supply office
<b>DP</b>	decision point
<b>DPW</b>	Department of Public Works
<b>DRA</b>	data rate adapter
<b>DS</b>	direct support
<b>DSA</b>	division support area
<b>DST</b>	decision support template
<b>DTC</b>	data transfer cartridge
<b>DTED</b>	digital terrain elevation data

<b>DTM</b>	data transfer module
<b>DTR</b>	defense transportation regulation
<b>DTS</b>	data transfer system
<b>DVO</b>	direct view optics
<b>DZ</b>	drop zone
<b>EA</b>	engagement area
<b>ECAS</b>	environmental compliance assessment system
<b>ECCM</b>	electronic counter-countermeasures
<b>ECM</b>	electronic countermeasures
<b>ED</b>	environmental division
<b>EEFI</b>	essential elements of friendly information
<b>EEI</b>	essential elements of information
<b>EENT</b>	end evening nautical twilight
<b>EFST</b>	essential fire support task
<b>EGI</b>	embedded GPS/INS
<b>EID</b>	emitter identification database
<b>EMCOM</b>	emissions control
<b>EO</b>	electro-optical
<b>EP</b>	electronic protection
<b>EPW</b>	enemy prisoner of war
<b>ERFS</b>	extended range fuel system
<b>ES</b>	electronic support
<b>ESM</b>	electronic support measures
<b>ETAC</b>	enlisted terminal attack controller
<b>EU</b>	electronic unit
<b>EW</b>	electronic warfare
<b>EWO</b>	electronic warfare officer
<b>EWS</b>	electronic warfare support
<b>EXTAL</b>	extra time allowance
<b>FA</b>	field artillery
<b>FAA</b>	forward assembly area
<b>FAC</b>	forward air controller

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<b>FARE</b>	forward area refueling equipment
<b>FARP</b>	forward area arming and refueling point
<b>FASCAM</b>	family of scatterable mines
<b>FCC</b>	flight coordination center
<b>FCR</b>	fire control radar
<b>FEBA</b>	forward edge of the battle area
<b>FFA</b>	free-fire area
<b>FFAR</b>	folding fin aerial rockets
<b>FFIR</b>	friendly force information requirements
<b>FIST</b>	fire support team
<b>FH</b>	frequency hopping
<b>FLE</b>	forward logistics element
<b>FLIR</b>	forward looking infrared
<b>FLOT</b>	forward line of own troops
<b>FM</b>	field manual, frequency modulation
<b>FOC</b>	flight operations center
<b>FORSCOM</b>	United States Army Forces Command
<b>FOV</b>	field of view
<b>FP</b>	forward patrol
<b>FPF</b>	final protective fires
<b>FRAGO</b>	fragmentary order
<b>FSB</b>	forward support battalion
<b>FSCL</b>	fire support coordination line
<b>FSCM</b>	fire support coordinating measures
<b>FSCOORD</b>	fire support coordinator
<b>FSE</b>	forward support element, forward security element
<b>FSO</b>	fire support officer
<b>FSSE</b>	forward service support elements
<b>FWF</b>	former warring factions
<b>G3</b>	Assistant Chief of Staff (Operations and Plans)
<b>GAS</b>	ground aided seeker
<b>GB</b>	gigabyte
<b>GCA</b>	ground controlled approach

<b>GCT</b>	ground cavalry troop
<b>GFAP</b>	general framework agreement for peace
<b>GLO</b>	ground liaison officer
<b>GMRR</b>	guards motorized rifle regiment
<b>gnd</b>	ground
<b>grp</b>	group
<b>GPS</b>	global positioning system
<b>GRREG</b>	graves registration
<b>GS</b>	general support
<b>GSAB</b>	general support aviation battalion
<b>GSR</b>	ground surveillance radar
<b>GT</b>	gun target
<b>GTM</b>	ground targeting mode
<b>GUI</b>	graphical user interface
<b>HA</b>	holding area
<b>HAZCOM</b>	hazardous communications
<b>HAZMIN</b>	hazardous waste minimization
<b>HE</b>	high explosive
<b>HERO</b>	hazards of electromagnetic radiation to ordnance
<b>HESC</b>	heavy equipment supply company
<b>HF</b>	high frequency
<b>HHB</b>	headquarters and headquarters battalion
<b>HHC</b>	headquarters and headquarters company
<b>HHQ</b>	higher headquarters
<b>HHT</b>	headquarters and headquarters troop
<b>HIMAD</b>	high-to-medium altitude air defense
<b>HIRSS</b>	hover infrared suppression system
<b>HM</b>	hazardous material
<b>HMMWV</b>	high mobility multipurpose wheel vehicle
<b>hr</b>	hour
<b>HSC</b>	headquarters and supply company
<b>HSD</b>	horizontal situational display
<b>HUMINT</b>	human intelligence

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<b>HW</b>	hazardous waste
<b>HVT</b>	high value target
<b>ID</b>	identification
<b>IDM</b>	improved data modem
<b>IEBL</b>	inter-entity boundary line
<b>IEW</b>	intelligence and electronic warfare
<b>IFF</b>	identification, friend or foe
<b>IFOR</b>	implementation force
<b>IMC</b>	instrument meteorological conditions
<b>IMCPU</b>	improved master controller processor unit
<b>IMSP</b>	improved mast mounted sight system processor
<b>INS</b>	inertial navigation system
<b>INTSUM</b>	intelligence summary
<b>IO</b>	information operations
<b>IP</b>	instructor pilot
<b>IPB</b>	intelligence preparation of the battlefield
<b>IR</b>	infrared
<b>ITO</b>	installation transportation officer
<b>IW</b>	information warfare
<b>J-SEAD</b>	joint-suppression of enemy air defense
<b>JAAT</b>	joint air attack team
<b>JCO</b>	joint commission observer
<b>JMC</b>	joint military commission
<b>JPN</b>	jam program number
<b>JSTARS</b>	joint surveillance target attack radar system
<b>JTF</b>	joint task force
<b>KIA</b>	killed in action
<b>km</b>	kilometer
<b>KMIH</b>	kilometer traveled in an hour
<b>KMPH</b>	kilometers per hour
<b>KW</b>	Kiowa Warrior

<b>LAN</b>	local area network
<b>LANTIRN</b>	low altitude navigation target infrared night
<b>LBA</b>	Longbow Apache
<b>LCE</b>	load carrying equipment
<b>LCU</b>	lightweight computer unit
<b>LD</b>	line of departure
<b>LNO</b>	liaison officer
<b>LOA</b>	limit of advance
<b>LOAL</b>	lock on after launch
<b>LOAL-DIR</b>	lock on after launch-direct
<b>LOAL-HI</b>	lock on after launch-high
<b>LOAL-LO</b>	lock on after launch-low
<b>LOBL</b>	lock on before launch
<b>LOC</b>	line of contact
<b>LOGPAC</b>	logistics package
<b>LOS</b>	line of sight
<b>LP</b>	listening post
<b>LRF/D</b>	laser range finder/designator
<b>LRSD</b>	long range surveillance detachment
<b>LST</b>	laser spot tracker
<b>LZ</b>	landing zone

<b>MAC</b>	Military Airlift Command
<b>MACOM</b>	major command
<b>maint</b>	maintenance
<b>MBA</b>	main battle area
<b>MCOO</b>	modified combined obstacle overlay
<b>MCS</b>	maneuver control system
<b>MCS/P</b>	maneuver control system/phoenix
<b>MDMP</b>	military decision making process
<b>ME</b>	main effort
<b>MEDEVAC</b>	medical evacuation
<b>METL</b>	mission essential task list

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<b>METT-T</b>	mission, enemy, terrain, troops, and time available
<b>MFD</b>	multifunction display
<b>MFO</b>	multifunction display
<b>MI</b>	military intelligence
<b>MIA</b>	missing in action
<b>MICLIC</b>	mine-clearing line charge
<b>MIH</b>	miles traveled in an hour
<b>MILES</b>	multiple integrated laser engagement system
<b>MILSTAMP</b>	military standard transportation and movement procedure
<b>min</b>	minute
<b>MMC</b>	materiel management center
<b>MMS</b>	mast-mounted sight
<b>MOPP</b>	mission oriented protective posture
<b>MOUT</b>	military operation in urban terrain
<b>MPH</b>	miles per hour
<b>MPSM</b>	multipurpose submunition
<b>MRB</b>	motorized rifle battalion
<b>MRC</b>	motorized rifle company
<b>MRE</b>	meal, ready to eat
<b>MRP</b>	motorized rifle platoon
<b>MRR</b>	motorized rifle regiment
<b>MRT</b>	minimum resolvable temperature
<b>MS</b>	mission support, movement station
<b>MSB</b>	main support battalion
<b>MSCA</b>	military support to civilian authorities
<b>MSE</b>	mobile subscriber equipment
<b>MSEC-BBS</b>	multiservice electronic combat—bulletin board system
<b>MSR</b>	main supply route
<b>MTI</b>	moving target indicator
<b>MTO</b>	message to observer
<b>NAI</b>	named areas of interest
<b>NAVAIDS</b>	navigational aids
<b>NBC</b>	nuclear, biological, and chemical

<b>NCO</b>	noncommissioned officer
<b>NCOIC</b>	noncommissioned officer in charge
<b>NCS</b>	net control station
<b>NCTR</b>	noncooperative target recognition
<b>NEO</b>	noncombatant evacuation operations
<b>NEPA</b>	National Environmental Protection Agency
<b>NET</b>	new equipment training
<b>NFA</b>	no-fire area
<b>NFL</b>	no-fire line
<b>NGFS</b>	naval gun fire support
<b>NIGA</b>	neutron induced gamma activity
<b>NIMA</b>	National Imagery and Mapping Agency
<b>NOE</b>	nap-of-the-earth
<b>NRB</b>	natural resources branch
<b>NSFS</b>	naval surface fire support
<b>NVD</b>	night vision device
<b>NVG</b>	night vision goggle
<b>O/O</b>	on order
<b>O&amp;I</b>	operations and intelligence
<b>OCOKA</b>	obstacles, cover and concealment, observation and fields of fire, key terrain, and avenues of approach
<b>OCONUS</b>	outside continental United States
<b>OD</b>	outside dose
<b>ODA</b>	optical display assembly
<b>OH</b>	observation helicopter
<b>OIC</b>	officer in charge
<b>OP</b>	observation post
<b>OPCON</b>	operational control
<b>OPLAN</b>	operation plan
<b>OPORD</b>	operation order
<b>OPSEC</b>	operations security
<b>OPTEMPO</b>	operation tempo
<b>ORF</b>	operational readiness float

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<b>OT</b>	observer target
<b>PA</b>	pressure altitude
<b>PAC</b>	pitch attitude cue
<b>PAF</b>	preassault fires
<b>PC</b>	pilot in command
<b>PCC</b>	precombat checks
<b>PCI</b>	precombat inspection
<b>PCOA</b>	probable courses of action
<b>PDU</b>	pilot display unit
<b>photo</b>	photograph
<b>PIR</b>	priority intelligence requirements
<b>PL</b>	phase line
<b>PLL</b>	prescribed load list
<b>PLS</b>	palletized load system
<b>plts</b>	platoons
<b>PMCS</b>	preventive maintenance checks and services
<b>POC</b>	point of contact
<b>POD</b>	port of debarkation
<b>POE</b>	port of embarkation
<b>POL</b>	petroleum, oils, and lubrication
<b>POR</b>	preparation of replacement for overseas movement
<b>PPAR</b>	purpose of fires, priority of fires, assets available/allocations and restrictions
<b>PPC</b>	performance planning card
<b>PPM</b>	progressive phase maintenance
<b>PRC</b>	populace and resources control
<b>PST</b>	past time
<b>PW</b>	pulsed wave
<b>PZ</b>	pickup zone
<b>QRF</b>	quick reaction force
<b>R&amp;S</b>	reconnaissance and surveillance
<b>RADAR</b>	radio detection and ranging

<b>RAS</b>	regimental aviation squadron
<b>RATT</b>	radio teletypewriter
<b>RBECS</b>	remote battlefield electronic CEOI system
<b>REDCON</b>	readiness condition
<b>RF</b>	radio frequency
<b>RFA</b>	restrictive fire area
<b>RFI</b>	radar frequency interferometer
<b>RFL</b>	restrictive fire line
<b>RIF</b>	reconnaissance in force
<b>RMMC</b>	regimental materiel management center
<b>RMP</b>	reprogrammable microprocessor
<b>ROE</b>	rules of engagement
<b>ROS</b>	relief on station
<b>RP</b>	release point
<b>RSA</b>	regimental support area
<b>RSDS</b>	radar signal detecting set
<b>RSS</b>	regimental support squadron
<b>RTO</b>	radiotelephone operator
<b>RWS</b>	remote work station
<b>S&amp;S</b>	supply and service
<b>S&amp;T</b>	supply and transport
<b>S1</b>	adjutant
<b>S2</b>	intelligence officer
<b>S3</b>	operations and training officer
<b>S4</b>	supply officer
<b>S5</b>	civil affairs officer
<b>SAD</b>	safe/arm device
<b>SAL HF</b>	semiactive laser designated hellfire
<b>SALT</b>	size, activity, location, and time
<b>SALUTE</b>	size, activity, location, unit, time, and equipment
<b>SAM</b>	surface-to-air missile
<b>SARH</b>	semi-active radar homing
<b>SATCOM</b>	satellite communication

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<b>SA-6</b>	(Gainful, Soviet SAM)
<b>SA-8</b>	(Gecko, Soviet SAM)
<b>SA-11</b>	Gadfy, Soviet Low-to-Medium Altitude SAM)
<b>SBF</b>	support by fire
<b>SCO</b>	squadron commander
<b>SE</b>	supporting effort
<b>SEAD</b>	suppression of enemy air defenses
<b>SEMA</b>	special electronic mission aircraft
<b>SHORAD</b>	short range air defense
<b>SICP-RWS</b>	standard integrated command post rigid wall shelter
<b>SIDPERS</b>	standard installation/division personnel system
<b>SIGINT</b>	signal intelligence
<b>SINCGARS</b>	single channel ground and airborne radio system
<b>SIP</b>	system improvement program
<b>SIT/STAT</b>	situation/status
<b>SITREP</b>	situation report
<b>SITTEMP</b>	situation and event template
<b>SJA</b>	staff judge advocate
<b>SME</b>	subject matter expert
<b>SMO</b>	squadron maintenance officer
<b>SOCCE</b>	special operations command and control element
<b>SOF</b>	special operations force
<b>SOI</b>	signal operation instructions
<b>SOP</b>	standing operating procedures
<b>SOSR</b>	suppress, obscure, secure, and reduce
<b>SP</b>	start point
<b>SPIN</b>	special instructions
<b>SPOTREP</b>	spot report
<b>sqdn</b>	squadron
<b>SQI</b>	skill qualification identifier
<b>SRA</b>	specialized repair authorization
<b>SSA</b>	squadron support area
<b>STACOM</b>	satellite communications
<b>STU-III</b>	secure telephone unit-III

<b>STX</b>	situational training exercises
<b>TAA</b>	tactical assembly area
<b>TAC</b>	tactical air coordinator
<b>TAC CP</b>	tactical command post
<b>TAC(A)</b>	tactical air coordinator (airborne)
<b>TACAIR</b>	tactical air
<b>TACAN</b>	tactical air navigation
<b>TACFIRE</b>	tactical fire
<b>TACP</b>	tactical air control party
<b>TADS</b>	target acquisition and designation system
<b>TAI</b>	target areas of interest
<b>TC ACCIS</b>	Transportation Corps automated command and control information system
<b>TCC</b>	transportation component command
<b>TCIM</b>	tactical communication interface module
<b>TCU</b>	transportable computer unit
<b>TDIS</b>	time-distance
<b>TDMP</b>	tactical decision making process
<b>TF</b>	task force
<b>TFE</b>	task force eagle
<b>TI</b>	technical inspector
<b>TIRS</b>	terrain reference index system
<b>TIS</b>	thermal imaging sensor
<b>TIS INTG</b>	thermal imaging sensor integrator
<b>TOA</b>	transfer of authority
<b>TOC</b>	tactical operations center
<b>TOE/TO&amp;E</b>	table of organization and equipment
<b>TOF</b>	time of flight
<b>TOO</b>	tactical operations officer
<b>TOT</b>	time-on-target
<b>TOW</b>	tube launched, optical tracked, wire guided (missile)
<b>TPM</b>	terrain profile mode
<b>TPME</b>	task, purpose, method, and end state
<b>TRP</b>	target reference point

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<b>TSU</b>	telescopic sight unit
<b>TTP</b>	tactics, techniques, and procedures
<b>TVM</b>	track-via-missile
<b>TVS</b>	television sensor
<b>UAV</b>	unmanned aerial vehicle
<b>UH</b>	utility helicopter
<b>UHF</b>	ultra high frequency
<b>UMCP</b>	unit maintenance collection point
<b>UMO</b>	unit movement officer
<b>UMT</b>	unit ministry team
<b>UNIX</b>	multiuser, multitasking operating system
<b>UNPROFOR</b>	United Nations Protection Force
<b>US</b>	United States
<b>USA</b>	United States Army
<b>USAAVNC</b>	United States Army Aviation Center
<b>USAF</b>	United States Air Force
<b>USMC</b>	United States Marine Corps
<b>USN</b>	United States Navy
<b>USTRANSCOM</b>	United States Army Transportation Command
<b>UTM</b>	universal transverse mercator
<b>UWP</b>	universal weapon pylon
<b>UXO</b>	unexploded ordnance
<b>VHF</b>	very high frequency
<b>VIXL</b>	video image crosslink
<b>VMF</b>	variable message format
<b>VPK</b>	vehicles per kilometer
<b>VPM</b>	vehicles per mile
<b>VSD</b>	vertical situation display
<b>VTR</b>	video tape recorder
<b>WARNORD</b>	warning order
<b>WH</b>	white hot

<b>WOD</b>	word of day
<b>WO1</b>	Warrant Officer One
<b>WSPS</b>	wire strike protection system
<b>XO</b>	executive officer
<b>ZOS</b>	zone of separation